

50. Adding with Trains

- MODEL AND SOLVE ADDITION PROBLEMS
- MODEL REGROUPING TEN ONES TO MAKE A TEN
- WRITE ADDITION NUMBER SENTENCES

STUDENT NEEDS:
60 single blocks
6 small holders
worksheets

30 minutes

12	+	15	=	27
21	+	35	=	56
9	+	7	=	16
12	+	8	=	20
17	+	25	=	42

_____	+	_____	=	_____
_____	+	_____	=	_____
_____	+	_____	=	_____
_____	+	_____	=	_____
_____	+	_____	=	_____

HELPFUL HINTS:
This could be split into two activities - one that does not require regrouping and one that does. The directions and format would be the same.

GROUP ACTIVITY:

Do as many examples with the whole group as needed, beginning with the five examples given on the worksheet.

1. Students build a train for a given number of blocks (the first **addend**).
2. Students build a second train for another given number of blocks (the second **addend**).
3. Students put the trains together to make one good train (the **sum**).
4. Students count the train to find the **sum**.
5. Students record the **sum** to complete the number sentence.

Assessment:

DOES THE STUDENT:

- build the correct quantity for each number
- combine the trains to make good trains
- record the sum correctly

Differentiation:

REINFORCEMENT:

- For those students who are not ready to work independently, do problems together, increasing the level of difficulty when appropriate.

EXTENSION:

- For students who are able to handle larger numbers and to work independently, fill in a set of worksheets in advance accordingly.

Build a train.

Build another train.

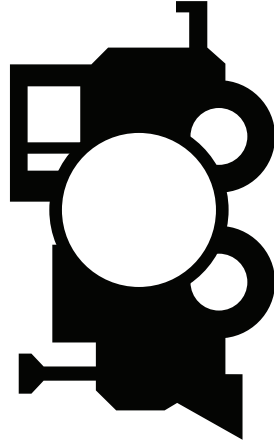
Put the blocks from both trains together to make one good train. Count the blocks and write the number in the circle on the "new train".

$12 + 15 = 27$

One worksheet can be used as a workspace for each problem, or one copy can be filled in for each problem.

Name: _____

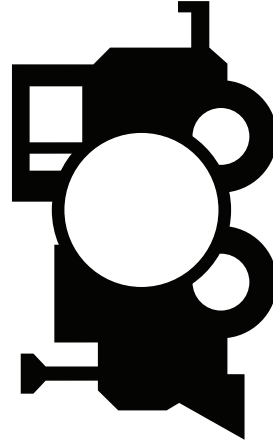
Build a train.



Build another train.



Put the blocks from both trains together to make one good train.
Count the blocks and write the number in the circle on the "new train".



$$\quad + \quad =$$

Name: _____

$$\underline{12} + \underline{15} = \underline{\quad}$$

$$\underline{21} + \underline{35} = \underline{\quad}$$

$$\underline{9} + \underline{7} = \underline{\quad}$$

$$\underline{12} + \underline{8} = \underline{\quad}$$

$$\underline{17} + \underline{25} = \underline{\quad}$$

Name: _____

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